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DATE: Friday, November 19, 2004

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L7	(acetylglycosamine -1- phosphotransferase) or GlcNAc phosphotransferase	22
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L2	6534300	2
<input type="checkbox"/>	L1	6800472	1

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Search Results - Record(s) 1 through 10 of 22 returned.

☐ 1. Document ID: US 20040071686 A1

Using default format because multiple data bases are involved.

L7: Entry 1 of 22

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040071686

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040071686 A1

TITLE: Treatment of alpha-galactosidase A deficiency

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Treco, Douglas A.	Arlington	MA	US	
Loveday, Kenneth	Brookline	MA	US	
Borowski, Marianne	Winthrop	MA	US	

US-CL-CURRENT: 424/94.61

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 20030148997 A1

L7: Entry 2 of 22

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030148997

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030148997 A1

TITLE: Fluorinated glucosamine analogs useful for modulating post-translational glycosylations on cells

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sackstein, Robert	Sudbury	MA	US	
Dimitroff, Charles J.	Brookline	MA	US	
Bernacki, Ralph J.	Elma	NY	US	
Sharma, Moheswar	Amherst	NY	US	

h e b b g e e e f e f e f b e

Matta, Khushi L. Williamsville NY US
Paul, Brajeswar Williamsville NY US

US-CL-CURRENT: 514/62; 514/161, 514/171, 514/406, 514/570, 536/53

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20030148460 A1

L7: Entry 3 of 22

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030148460
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030148460 A1

TITLE: Phosphodiester alpha-GlcNAcase of the lysosomal targeting pathway

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Canfield, William M.	Oklahoma City	OK	US	

US-CL-CURRENT: 435/69.1; 435/196, 435/320.1, 435/325, 530/388.26, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20030143669 A1

L7: Entry 4 of 22

File: PGPB

Jul 31, 2003

PGPUB-DOCUMENT-NUMBER: 20030143669
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030143669 A1

TITLE: Expression of lysosomal hydrolase in cells expressing pro-N-acetylglucosamine-1-phosphodiester alpha-N-acetyl glucosimanidase

PUBLICATION-DATE: July 31, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Canfield, William	Oklahoma City	OK	US	
Kornfeld, Stuart	Saint Louis	MO	US	

US-CL-CURRENT: 435/69.1; 435/206, 435/320.1, 435/325, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 20030133924 A1

L7: Entry 5 of 22

File: PGPB

Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030133924

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030133924 A1

TITLE: Highly phosphorylated acid beta-glucocerebrosidase and methods of treating
gaucher's disease

PUBLICATION-DATE: July 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Canfield, William	Oklahoma City	OK	US	

US-CL-CURRENT: 424/94.61; 435/206, 435/320.1, 435/325, 435/68.1, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 6. Document ID: US 20030124653 A1

L7: Entry 6 of 22

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030124653

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030124653 A1

TITLE: Method of producing glycoproteins having reduced complex carbohydrates in
mammalian cells

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Canfield, William M.	Oklahoma City	OK	US	

US-CL-CURRENT: 435/69.1; 424/731, 435/206, 435/320.1, 435/325, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 7. Document ID: US 20030124652 A1

L7: Entry 7 of 22

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030124652

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030124652 A1

TITLE: Methods of producing high mannose glycoproteins in complex carbohydrate deficient cells

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Canfield, William M.	Oklahoma City	OK	US	

US-CL-CURRENT: 435/69.1; 424/731, 435/206, 435/320.1, 435/325, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 8. Document ID: US 20030119088 A1

L7: Entry 8 of 22

File: PGPB

Jun 26, 2003

PGPUB-DOCUMENT-NUMBER: 20030119088

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030119088 A1

TITLE: Soluble GlcNAc phosphotransferase

PUBLICATION-DATE: June 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Canfield, William	Oklahoma City	OK	US	
Kudo, Mariko	Oklahoma City	OK	US	

US-CL-CURRENT: 435/68.1; 424/94.5, 435/193, 435/206, 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 9. Document ID: US 20030113894 A1

L7: Entry 9 of 22

File: PGPB

Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030113894

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030113894 A1

TITLE: Treatment of alpha-galactosidase a deficiency

PUBLICATION-DATE: June 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Selden, Richard F.	Wellesley	MA	US	

Borowski, Marianne	Winthrop	MA	US
Kinoshita, Carol M.	Bedford	MA	US
Treco, Douglas A.	Arlington	MA	US
Williams, Melanie D.	Natick	MA	US
Schuetz, Thomas J.	Framingham	MA	US
Daniel, Peter F.	Natick	MA	US

US-CL-CURRENT: 435/207

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 10. Document ID: US 20030077806 A1

L7: Entry 10 of 22

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030077806

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030077806 A1

TITLE: Treatment of alpha-galactosidase a deficiency

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Selden, Richard F.	Wellesley	MA	US	
Borowski, Marianne	Winthrop	MA	US	
Kinoshita, Carol M.	Bedford	MA	US	
Treco, Douglas A.	Arlington	MA	US	
Williams, Melanie D.	Natick	MA	US	
Schuetz, Thomas J.	Framingham	MA	US	
Daniel, Peter F.	Natick	MA	US	

US-CL-CURRENT: 435/207

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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Terms	Documents
(acetylglycosamine -1- phosphotransferase) or GlcNAc phosphotransferase	22

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Search Results - Record(s) 11 through 20 of 22 returned.

☐ 11. Document ID: US 20020150981 A1

Using default format because multiple data bases are involved.

L7: Entry 11 of 22

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020150981

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020150981 A1

TITLE: Methods for producing highly phosphorylated lysosomal hydrolases

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Canfield, William M.	Oklahoma City	OK	US	

US-CL-CURRENT: [435/69.1](#); [435/206](#), [435/68.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 12. Document ID: US 20020025550 A1

L7: Entry 12 of 22

File: PGPB

Feb 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020025550

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020025550 A1

TITLE: Methods for producing highly phosphorylated lysosomal hydrolases

PUBLICATION-DATE: February 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Canfield, William M.	Oklahoma City	OK	US	

US-CL-CURRENT: [435/68.1](#); [424/94.61](#), [435/201](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 13. Document ID: US 6800472 B2

L7: Entry 13 of 22

File: USPT

Oct 5, 2004

US-PAT-NO: 6800472

DOCUMENT-IDENTIFIER: US 6800472 B2

TITLE: Expression of lysosomal hydrolase in cells expressing pro-N-acetylglucosamine-1-phosphodiester .alpha.-N-acetyl glucosimanidase

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 14. Document ID: US 6770468 B1

L7: Entry 14 of 22

File: USPT

Aug 3, 2004

US-PAT-NO: 6770468

DOCUMENT-IDENTIFIER: US 6770468 B1

TITLE: Phosphodiester-a-GlcNAcase of the lysosomal targeting pathway

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 15. Document ID: US 6670165 B2

L7: Entry 15 of 22

File: USPT

Dec 30, 2003

US-PAT-NO: 6670165

DOCUMENT-IDENTIFIER: US 6670165 B2

TITLE: Methods for producing highly phosphorylated lysosomal hydrolases

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 16. Document ID: US 6642038 B1

L7: Entry 16 of 22

File: USPT

Nov 4, 2003

US-PAT-NO: 6642038

DOCUMENT-IDENTIFIER: US 6642038 B1

TITLE: GlcNAc phosphotransferase of the lysosomal targeting pathway

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 17. Document ID: US 6537785 B1

L7: Entry 17 of 22

File: USPT

Mar 25, 2003

US-PAT-NO: 6537785

DOCUMENT-IDENTIFIER: US 6537785 B1

TITLE: Methods of treating lysosomal storage diseases

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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☐ 18. Document ID: US 6534300 B1

L7: Entry 18 of 22

File: USPT

Mar 18, 2003

US-PAT-NO: 6534300

DOCUMENT-IDENTIFIER: US 6534300 B1

TITLE: Methods for producing highly phosphorylated lysosomal hydrolases

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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☐ 19. Document ID: US 6458574 B1

L7: Entry 19 of 22

File: USPT

Oct 1, 2002

US-PAT-NO: 6458574

DOCUMENT-IDENTIFIER: US 6458574 B1

**** See image for Certificate of Correction ****

TITLE: Treatment of a .alpha.-galactosidase a deficiency

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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☐ 20. Document ID: AU 2002367286 A1, WO 2003056897 A2, US 20030133924 A1

L7: Entry 20 of 22

File: DWPI

Jul 24, 2003

DERWENT-ACC-NO: 2003-587057

DERWENT-WEEK: 200421

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TITLE: Preparing a highly phosphorylated acid beta-glucocerebrosidase for treating Gaucher's disease comprises contacting an acid beta-glucocerebrosidase with N-acetylglucosaminy1 (GlcNAc) phosphotransferase and phosphodiester alpha-GlcNAcase

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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Terms	Documents
(acetylglucosamine -1- phosphotransferase) or GlcNAc phosphotransferase	22

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Search Results - Record(s) 21 through 22 of 22 returned.

☐ 21. Document ID: AU 2002367287 A1, US 20030119088 A1, WO 2003057826 A2

Using default format because multiple data bases are involved.

L7: Entry 21 of 22

File: DWPI

Jul 24, 2003

DERWENT-ACC-NO: 2003-801323

DERWENT-WEEK: 200421

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TITLE: Phosphorylating a protein for treating a patient suffering from a lysosomal storage disease e.g. Fabry's disease by contacting the protein with a soluble GlcNAc-phosphotransferase and producing a phosphorylated protein

INVENTOR: CANFIELD, W M; KUDO, M ; CANFIELD, W

PRIORITY-DATA: 2001US-0023888 (December 21, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>AU 2002367287 A1</u>	July 24, 2003		000	C12P021/06
<u>US 20030119088 A1</u>	June 26, 2003		055	C12P021/06
<u>WO 2003057826 A2</u>	July 17, 2003	E	000	C12N000/00

INT-CL (IPC): A61 K 38/51; C07 H 21/04; C12 N 0/00; C12 N 5/06; C12 N 9/10; C12 N 9/36; C12 P 21/02; C12 P 21/06

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 22. Document ID: MX 2002002901 A1, WO 200119955 A2, AU 200073303 A, US 20020025550 A1, EP 1224266 A2, BR 200014514 A, US 20020150981 A1, JP 2003509043 W, US 6534300 B1, US 6537785 B1, US 20030148460 A1, US 6642038 B1, US 6670165 B2, US 6770468 B1

L7: Entry 22 of 22

File: DWPI

Dec 1, 2003

DERWENT-ACC-NO: 2001-290356

DERWENT-WEEK: 200470

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TITLE: Novel N-acetylglucosamine-1-phosphotransferase and N-acetylglucosamine-1-phosphodiester alpha-N-Acetylglucosaminidase, useful for producing phosphorylated lysosomal hydrolase for treating lysosomal storage diseases

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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ANSFERASE

=> s l1 and human
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L2 45 L1 AND HUMAN

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=> d 1-10

L3 ANSWER 1 OF 17 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
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AN 2003:513487 BIOSIS
DN PREV200300516878
TI Unfortunate oversight.
AU Leroy, Jules G. [Reprint Author]
CS Department of Molecular and Human Genetics, Baylor College of Medicine,
Houston, TX, USA
SO American Journal of Medical Genetics, (September 15 2003) Vol. 122A, No.
1, pp. 92-93. print.
ISSN: 0148-7299 (ISSN print).
DT Letter
LA English
ED Entered STN: 5 Nov 2003
Last Updated on STN: 5 Nov 2003

L3 ANSWER 2 OF 17 HCAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:550993 HCAPLUS
DN 139:112730
TI Method for production of highly phosphorylated ****human*** acid
.beta.-glucocerebrosidase (GBA), and use of GBA in treating bone or lung
tissue of patient with Gaucher's disease
IN Canfield, William
PA Novazyme Pharmaceuticals, Inc., USA
SO U.S. Pat. Appl. Publ., 54 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003133924	A1	20030717	US 2001-24197	20011221
PRAI	US 2001-24197		20011221		

L3 ANSWER 3 OF 17 HCAPLUS COPYRIGHT 2004 ACS on STN
 AN 2003:492554 HCAPLUS
 DN 139:65404
 TI Soluble ****human*** acetylglucosamine-1-phosphotransferase containing
 an artificial proteolytic cleavage site to generate .alpha. and .beta.
 subunits
 IN Canfield, William; Kudo, Mariko
 PA Novazyme Pharmaceuticals, Inc., USA
 SO U.S. Pat. Appl. Publ., 55 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003119088	A1	20030626	US 2001-23888	20011221
	WO 2003057826	A2	20030717	WO 2002-US37624	20021220
	W:				
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PRAI	US 2001-23888	A	20011221		

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 AN 2002:302130 BIOSIS
 DN PREV200200302130
 TI Lysosomal enzyme ***GlcNAc*** -1- ***phosphotransferase***
 AU Nishikawa, Atsushi [Reprint author]
 CS Department of Applied Biological Science, Tokyo University of Agriculture
 and Technology, 3-5-8 Saiwai-cho, Fuchu, Tokyo, Japan
 nishikaw@cc.tuat.ac.jp
 SO Taniguchi, Naoyuki [Editor]; Honke, Koichi [Editor]; Fukuda, Minoru
 [Editor]. (2002) pp. 611-616. Handbook of glycosyltransferases and related
 genes. Edition 1. print.
 Publisher: Springer-Verlag Tokyo Inc., 3-13 Hongo, Bunkyo-ku, Tokyo,
 113-0033, Japan; Springer-Verlag New York Inc., 175 Fifth Avenue, New
 York, NY, 10010-7858, USA.
 ISBN: 4-431-70311-X (cloth).
 DT Book
 Book; (Book Chapter)
 LA English
 ED Entered STN: 22 May 2002
 Last updated on STN: 25 Jun 2002

L3 ANSWER 5 OF 17 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN
 DUPLICATE 1
 AN 2001-09921 BIOTECHDS
 TI Novel N-acetylglucosamine-1-phosphotransferase and N-acetylglucosamine-1-
 phosphodiester-alpha-N-acetylglucosaminidase, useful for producing
 phosphorylated lysosomal hydrolase for treating lysosomal storage
 diseases;
 vector-mediated gene transfer and expression in host cell, monoclonal
 antibody and hybridoma
 AU Canfield W M
 PA Canfield W M
 LO Oklahoma City, OK, USA.
 PI WO 2001019955 22 Mar 2001
 AI WO 2000-US21970 14 Sep 2000
 PRAI US 1999-153831 14 Sep 1999
 DT Patent
 LA English
 OS WPI: 2001-290356 [30]

L3 ANSWER 6 OF 17 MEDLINE on STN DUPLICATE 2
 AN 2000177754 MEDLINE
 DN PubMed ID: 10712439
 TI Molecular basis of variant pseudo-hurler polydystrophy (mucopolipidosis
 IIIC).
 CM Comment in: J Clin Invest. 2000 Mar;105(5):563-4. PubMed ID: 10712426

AU Raas-Rothschild A; Cormier-Daire V; Bao M; Genin E; Salomon R; Brewer K;
 Zeigler M; Mandel H; Toth S; Roe B; Munnich A; Canfield W M
 CS Department of Human Genetics, Hadassah Hebrew University Hospital,
 Jerusalem 91120, Israel.
 NC HD31920 (NICHHD)
 HG00313 (NHGRI)
 SO Journal of clinical investigation, (2000 Mar) 105 (5) 673-81.
 Journal code: 7802877. ISSN: 0021-9738.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM 200003
 ED Entered STN: 20000407
 Last Updated on STN: 20000407
 Entered Medline: 20000330

L3 ANSWER 7 OF 17 MEDLINE on STN DUPLICATE 3
 AN 96423400 MEDLINE
 DN PubMed ID: 8826001
 TI Spontaneous mucopolipidosis in a cat: an animal model of ***human***
 I-cell disease.
 AU Bosshard N U; Hubler M; Arnold S; Briner J; Spycher M A; Sommerlade H J;
 von Figura K; Gitzelmann R
 CS Department of Pediatrics, University of Zurich, Switzerland.
 SO Veterinary pathology, (1996 Jan) 33 (1) 1-13.
 Journal code: 0312020. ISSN: 0300-9858.
 CY United States
 DT (CASE REPORTS)
 Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199612
 ED Entered STN: 19970128
 Last Updated on STN: 20000303
 Entered Medline: 19961203

L3 ANSWER 8 OF 17 MEDLINE on STN DUPLICATE 4
 AN 95305579 MEDLINE
 DN PubMed ID: 7786023
 TI Purification and characterization of ****human*** serum
 N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase.
 AU Lee J K; Pierce M
 CS Department of Biochemistry and Molecular Biology, University of Georgia,
 Athens 30602, USA.
 SO Archives of biochemistry and biophysics, (1995 Jun 1) 319 (2) 413-25.
 Journal code: 0372430. ISSN: 0003-9861.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199507
 ED Entered STN: 19950726
 Last Updated on STN: 19950726
 Entered Medline: 19950717

L3 ANSWER 9 OF 17 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
 STN
 AN 1993:62142 BIOSIS
 DN PREV199344027792
 TI Photoaffinity labeling of a catalytic subunit from purified lymphoblast
 UDP- ****GlcNAc*** : Glycoprotein ****GlcNAc*** -1-
 ****phosphotransferase*** using (beta-phosphorus-32)4-SUDP.
 AU Zhao, Ke-Wei; Miller, Arnold L.
 CS Dep. Neurosciences, 0624, UCSD Sch. Med., La Jolla, Calif. 92093, USA
 SO Glycobiology, (1992) Vol. 2, No. 5, pp. 475.
 Meeting Info.: 21st Annual Meeting of the Society for Complex
 Carbohydrates, Nashville, Tennessee, USA, November 11-14, 1992.
 GLYCOBIOLOGY.
 ISSN: 0959-6658.
 DT Conference; (Meeting)
 LA English
 ED Entered STN: 15 Jan 1993
 Last Updated on STN: 17 Mar 1993

L3 ANSWER 10 OF 17 MEDLINE on STN DUPLICATE 5

AN 91299484 MEDLINE
DN PubMed ID: 1648948
TI Elevated carbohydrate phosphotransferase activity in ***human***
hepatoma and phosphorylation of cathepsin D.
AU Ohhira M; Gasa S; Makita A; Sekiya C; Namiki M
ES Biochemistry Laboratory, Hokkaido University School of Medicine, Sapporo,
Japan.
SO British journal of cancer, (1991 Jun) 63 (6) 905-8.
Journal code: 0370635. ISSN: 0007-0920.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199108
ED Entered STN: 19910908
Last Updated on STN: 19910908
Entered Medline: 19910821

=> d 11-17

L3 ANSWER 11 OF 17 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation.
on STN

AN 91:384702 SCISEARCH
GA The Genuine Article (R) Number: FU823
TI ELEVATED CARBOHYDRATE PHOSPHOTRANSFERASE ACTIVITY IN ***HUMAN***
HEPATOMA AND PHOSPHORYLATION OF CATHEPSIN-D
AU OHHIRA M; GASA S (Reprint); MAKITA A; SEKIYA C; NAMIKI M
CS HOKKAIDO UNIV, SCH MED, INST CANC, BIOCHEM LAB, KITA KU, N15W7, SAPPORO,
HOKKAIDO 060, JAPAN; ASHIKAWA MED COLL, DEPT INTERNAL MED 3, ASAHIKAWA
070, JAPAN
CYA JAPAN
SO BRITISH JOURNAL OF CANCER, (1991) Vol. 63, No. 6, pp. 905-908.
DT Article; Journal
FS LIFE
LA ENGLISH
REC Reference Count: 22
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 12 OF 17 MEDLINE on STN DUPLICATE 6
AN 91153984 MEDLINE
DN PubMed ID: 1847903
TI Increased N-acetylglucosamine-1-phosphotransferase activity in sera from
patients with leukemia.
AU Uehara Y; Gasa S; Makita A; Sakurada K; Miyazaki T
CS Third Department of Internal Medicine, University School of Medicine,
Sapporo.
SO Japanese journal of cancer research : Gann, (1991 Jan) 82 (1) 82-5.
Journal code: 8509412. ISSN: 0910-5050.
CY Japan
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199104
ED Entered STN: 19910428
Last Updated on STN: 19910428
Entered Medline: 19910410

L3 ANSWER 13 OF 17 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation.
on STN
AN 91:67249 SCISEARCH
GA The Genuine Article (R) Number: EU903
TI INCREASED N-ACETYLGLUCOSAMINE-1-PHOSPHOTRANSFERASE ACTIVITY IN SERA FROM
PATIENTS WITH LEUKEMIA
AU UEHARA Y; GASA S (Reprint); MAKITA A; SAKURADA K; MIYAZAKI T
CS HOKKAIDO UNIV, SCH MED, INST CANC, BIOCHEM LAB, N15, W7, KITA KU, SAPPORO,
HOKKAIDO 060, JAPAN; HOKKAIDO UNIV, SCH MED, DEPT INTERNAL MED 3, KITA KU,
SAPPORO, HOKKAIDO 060, JAPAN
CYA JAPAN
SO JAPANESE JOURNAL OF CANCER RESEARCH, (1991) Vol. 82, No. 1, pp. 82-85.
DT Article; Journal
FS LIFE
LA ENGLISH
REC Reference Count: 10
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

ANSWER 14 OF 17 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
STN
1989:314541 BIOSIS
PREV198988028271; BA88:28271
PROCESSING ENZYMES ACTING ON CARBOHYDRATE MOIETY OF LYSOSOMAL HYDROLASES
IN LEUKEMIC CELLS ELEVATED ACTIVITY OF N ACETYLGLUCOSAMINE-1-
PHOSPHOTRANSFERASE.
UEHARA Y [Reprint author]; GASA S; MAKITA A; OH-HIRA M; SAKURADA K;
MIYAZAKI T
BIOCHEM LAB, CANCER INST, HOKKAIDO UNIV SCH MED, SAPPORO 060, JAPAN
Blood, (1989) Vol. 73, No. 7, pp. 1957-1962.
CODEN: BLOOAW. ISSN: 0006-4971.

Article

BA

ENGLISH

Entered STN: 30 Jun 1989

Last Updated on STN: 26 Aug 1989

ANSWER 15 OF 17 MEDLINE on STN

DUPLICATE 7

87166059 MEDLINE

PubMed ID: 3031074

Glucose-1-phosphotransferase and N-acetylglucosamine-1-phosphotransferase
have distinct acceptor specificities.

Hiller A M; Koro L A; Marchase R B

EY 06714 (NEI)

GM 31381 (NIGMS)

Journal of biological chemistry, (1987 Mar 25) 262 (9) 4377-81.

Journal code: 2985121R. ISSN: 0021-9258.

United States

Journal; Article; (JOURNAL ARTICLE)

English

Priority Journals

198705

Entered STN: 19900303

Last Updated on STN: 20000303

Entered Medline: 19870506

ANSWER 16 OF 17 HCAPLUS COPYRIGHT 2004 ACS on STN

1988:18277 HCAPLUS

108:18277

Properties of N-acetylglucosamine 1-phosphotransferase from ***human***
lymphoblasts

Little, Laureen; Alcouloumre, Marcia; Drotar, Anna Marie; Herman, Stacey;

Robertson, Robin; Yeh, Richard Y.; Miller, Arnold L.

Sch. Med., Univ. California, San Diego, La Jolla, CA, 92093, USA

Biochemical Journal (1987), 248(1), 151-9

CODEN: BIJOAK; ISSN: 0306-3275

Journal

English

ANSWER 17 OF 17 MEDLINE on STN

DUPLICATE 8

86085906 MEDLINE

PubMed ID: 3001079

Heterogeneity of N-acetylglucosamine 1-phosphotransferase within
mucopolipidosis III.

Little L E; Mueller O T; Honey N K; Shows T B; Miller A L

HD 05196 (NICHD)

NS12138 (NINDS)

Journal of biological chemistry, (1986 Jan 15) 261 (2) 733-8.

Journal code: 2985121R. ISSN: 0021-9258.

United States

Journal; Article; (JOURNAL ARTICLE)

English

Priority Journals

198602

Entered STN: 19900321

Last Updated on STN: 20000303

Entered Medline: 19860214

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(FILE 'HOME' ENTERED AT 17:48:48 ON 19 NOV 2004)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,
NTIS, ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 17:48:55 ON 19 NOV 2004

170 S ACETYLGLYCOSAMINE(3W)PHOSPHOTRANSFERASE OR GLCNAC(3W)PHOSPHOT
45 S L1 AND HUMAN
17 DUP REM L2 (28 DUPLICATES REMOVED)

log h
ST IN U.S. DOLLARS
LL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
38.59	38.80

SESSION WILL BE HELD FOR 60 MINUTES
N INTERNATIONAL SESSION SUSPENDED AT 17:52:46 ON 19 NOV 2004